| L Number | Hits | Search Text  | DB                  | Time stamp       |
|----------|------|--|---------------------|------------------|
| _        | 1    | ("0653094").PN.  | USPAT;              | 2002/12/01 15:40 |
|          |      | ·  | US-PGPUB;           |                  |
|          |      |  | EPO; JPO;           | ,                |
|          |      |  | DERWENT;<br>IBM TDB |                  |
|          | 9    | "653094"   | USPAT;              | 2002/12/01 15:40 |
| _        | 9    | ~ 653094 ··  | US-PGPUB;           | 2002/12/01 13.40 |
|          |      |  | EPO; JPO;           |                  |
|          |      | •  | DERWENT;            |                  |
|          |      |  | IBM TDB             |                  |
| -        | 2    | ("6295586").PN.  | USPĀT;              | 2002/12/01 20:34 |
|          |      |  | US-PGPUB;           |                  |
|          |      |  | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          |      | *  | IBM_TDB             |                  |
|          | 2    | ("6173381").PN.  | USPAT;              | 2002/12/01 20:40 |
|          |      |  | US-PGPUB;           |                  |
|          |      |  | EPO; JPO;           |                  |
|          |      |  | DERWENT;<br>IBM TDB |                  |
| _        | 418  | (memory near controller) and ddr   | USPAT;              | 2003/04/15 18:07 |
| _        | 410  | (memory hear concrotter) and dar   | US-PGPUB;           | 2003,01,13 10.0. |
|          |      |  | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          | 120  |  | IBM TDB             |                  |
| -        | 223  | ((memory near controller) and ddr) and @ad <                                       | USPAT;              | 2002/12/02 14:48 |
|          |      | "20010223"   | US-PGPUB;           | 1                |
|          |      |  | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          |      |  | IBM_TDB             | 0000/10/01 00 45 |
| -        | 178  | (((memory near controller) and ddr) and @ad  | USPAT;              | 2002/12/01 20:45 |
|          |      | < "20010223") and DRAM   | US-PGPUB;           |                  |
|          |      | "  | EPO; JPO; DERWENT;  |                  |
|          |      |  | IBM TDB             |                  |
| _        | 479  | (memory with (request command) with  | USPAT;              | 2002/12/02 15:46 |
|          |      | (recycl\$3 unload\$3 discard\$3 disregard\$3                                       | US-PGPUB;           | 1                |
|          |      | ingnor\$3)) and @ad < "20010223"   | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          |      |  | IBM_TDB             |                  |
| -        | 110  | ((memory with (request command) with   | USPAT;              | 2002/12/02 14:53 |
|          |      | (recycl\$3 unload\$3 discard\$3 disregard\$3                                       | US-PGPUB;           |                  |
|          |      | ingnor\$3)) and @ad < "20010223") and (memory                                      | EPO; JPO;           |                  |
|          |      | near controller)   | DERWENT;            |                  |
|          | 60   | ((/mamaga with /magaagt gammand) with  | IBM_TDB             | 2002/12/02 14:55 |
| -        | 60   | (((memory with (request command) with (recycl\$3 unload\$3 discard\$3 disregard\$3 | USPAT;<br>US-PGPUB; | 2002/12/02 14:55 |
|          |      | ingnor\$3)) and @ad < "20010223") and (memory                                      | EPO; JPO;           |                  |
|          |      | near controller)) and ram  | DERWENT;            |                  |
|          |      |  | IBM TDB             |                  |
| -        | 51   | (((memory with (request command) with  | USPAT;              | 2002/12/02 15:18 |
|          |      | (recycl\$3 unload\$3 discard\$3 disregard\$3                                       | US-PGPUB;           |                  |
|          | *    | ingnor\$3)) and @ad < "20010223") and (memory                                      | EPO; JPO;           |                  |
|          |      | near controller)) and dram   | DERWENT;            |                  |
|          |      |  | IBM_TDB             |                  |
| -        | 5    | ((((memory with (request command) with   | USPAT;              | 2004/08/12 17:26 |
|          |      | (recycl\$3 unload\$3 discard\$3 disregard\$3                                       | US-PGPUB;           |                  |
|          |      | ingnor\$3)) and @ad < "20010223") and (memory                                      | EPO; JPO;           |                  |
|          |      | near controller)) and dram) and (precharge (pre adj charge))                       | DERWENT;<br>IBM TDB | 0.               |
| _        | 927  | (pre ad) charge;;<br>(memory with controller) and ((request                        | USPAT;              | 2002/12/02 15:47 |
| -        | 321  | command) with (recycl\$3 restor\$3)) and @ad <                                     | US-PGPUB;           | 2002/12/02 13:47 |
|          |      | "20010223"   | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          |      |  | IBM_TDB             |                  |
| - 1      | 179  | (memory with controller) and (memory with  | USPAT;              | 2002/12/02 15:57 |
|          |      | (request command) with (recycl\$3 restor\$3))                                      | US-PGPUB;           |                  |
|          |      | and @ad < "20010223"   | EPO; JPO;           |                  |
|          |      |  | DERWENT;            |                  |
|          |      |  | IBM TDB             |                  |

| -  | 17   | ((memory with controller) and (memory with (request command) with (recycl\$3 restor\$3)) and @ad < "20010223") and precharge   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2002/12/02 15:56 |
|----|------|--|---|------------------|
| -  | 79   | (memory with controller) and (memory with (request command) with (recycl\$3 reissu\$)) and @ad < "20010223"  | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;             | 2002/12/02 18:35 |
| -  | 1    | ((memory with controller) and (memory with (request command) with (recycl\$3 reissu\$)) and @ad < "20010223") and precharge  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;             | 2002/12/02 15:59 |
| _  | 365  | -  | DERWENT; IBM_TDB USPAT;                                 | 2002/12/02 18:37 |
|    |      | (request command) with ((out with order) reorder)) and @ad < "20010223"  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB           | 2002/12/02 10:37 |
|    | 15   | ((memory with controller) and (memory with (request command) with ((out with order) reorder)) and @ad < "20010223") and (precharge (pre adj charge))                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/08/12 17:25 |
|    | 365  | ((memory with controller) and (memory with (request command) with ((out with order) reorder)) and @ad < "20010223") (((memory with controller) and (memory with (request | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2003/04/15 20:49 |
|    |      | command) with ((out with order) reorder))<br>and @ad < "20010223") and (precharge (pre<br>adj charge))) and ((command request) with<br>queue)                            | IBM_TDB   |                  |
| _  | 2217 | (711/5,105,151,154).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/12/02 20:37 |
| -  | 2704 | (711/5,105,151,154,168,169).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2002/12/02 20:37 |
| -  | 1287 | (((711/5,105,151,154,168,169).CCLS.) and @ad <20010223) and (memory with controller)   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2002/12/02 20:39 |
| _  | 191  | ((plural\$3 many multipl\$3 three) with (memory near controller)) and ddr  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/04/15 18:10 |
|    | 3565 | ((plural\$3 many multipl\$3 three) with (memory near controller)) and @ad < "20010223"   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/04/15 18:11 |
| -  | 1249 | ((plural\$3 many multipl\$3 three) near3 (memory near controller)) and @ad < "20010223"  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/04/15 18:11 |
| -* | 1075 | ((plural\$3 many multipl\$3 three) near3 (memory adj controller)) and @ad < "20010223"   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/04/15 18:13 |

| -   | 19   | (memory adj controller)) and @ad < "20010223") and (graphics and (display adj   | USPAT;<br>US-PGPUB;<br>EPO; JPO;                        | 2003/04/15 18:15 |
|-----|------|---|---|------------------|
|     |      | refresh))   | DERWENT;<br>IBM TDB                                     |                  |
| -   | 184  | (memory adj controller)) and @ad <  | USPAT;<br>US-PGPUB;                                     | 2003/04/15 18:24 |
|     |      | "20010223") and ((graphics with controller))  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                        |                  |
| _   | 10   | <pre>(((memory with controller) and (memory with   (request command) with ((out with order)   reorder)) and @ad &lt; "20010223") and   (precharge (pre adj charge))) and ((command   request) with queue)</pre> | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/04/15 20:50 |
| -   | 4    |   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2003/04/15 20:50 |
| -   | 2624 | ((711/5,105,151,154,168,169).CCLS.) and @ad <20010223   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/07/31 10:45 |
| -   | 144  | ((((((711/5,105,151,154,168,169).CCLS.) and @ad <20010223) and (memory with controller)) and DRAM) and ((request command) with queue)   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/07/31 10:46 |
| -   | 31   | @ad <20010223) and (memory with controller)) and DRAM) and ((request command) with  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;             | 2004/08/17 19:36 |
| -   | 13   | (memory adj controller)) and @ad < "20010223") and ((graphics with controller)  | DERWENT;<br>IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO; | 2004/08/12 16:42 |
| -   | 19   | and (display adj refresh))  (((plural\$3 many multipl\$3 three) near3 (memory adj controller)) and @ad < "20010223") and ((graphics) and (display adj refresh))   | DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;    | 2004/08/12 17:03 |
| *   | 8    | ((memory adj controller) with (display adj<br>refresh)) and @ad < "20010223"  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;             | 2004/08/12 17:10 |
| - ' | 3    | , , , , , , , , , , , , , , , , , , ,   | DERWENT;<br>IBM_TDB<br>USPAT;                           | 2004/08/12 17:11 |
|     |      | refresh) with subsystem)) and @ad < "20010223"  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB           |                  |
| -   | 407  | ((memory with controller) and (memory with (request command) with ((out with order) reorder)) and @ad < "20010223")   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2004/08/12 17:26 |
| -   | 60   | ((((memory with (request command) with (recycl\$3 unload\$3 discard\$3 disregard\$3 ingnor\$3)) and @ad < "20010223") and (memory near controller)) and dram)   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2004/08/12 17:27 |
| -   | 10   | (((((memory with (request command) with (recycl\$3 unload\$3 discard\$3 disregard\$3 ingnor\$3)) and @ad < "20010223") and (memory near controller)) and dram)) and activate                                    | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2004/08/12 17:44 |
| L   |      |   | IBM_TDB   |                  |

|   |     |   | · · · · · · · · · · · · · · · · · · · |                  |
|---|-----|---|---------------------------------------|------------------|
|   | 7   | (((((((((((((((((((((((((((((((((((((((       | USPAT;                                | 2004/08/12 17:31 |
|   |     | (recycl\$3 unload\$3 discard\$3 disregard\$3  | US-PGPUB;                             |                  |
|   |     | ingnor\$3)) and @ad < "20010223") and (memory | EPO; JPO;                             |                  |
|   | Ì   | near controller)) and dram)) and activate)    | DERWENT;                              |                  |
| ] |     | and queue                                     | IBM_TDB                               | 0004/00/50 55 55 |
| - | 1   | (       | USPAT;                                | 2004/08/12 17:45 |
|   |     | (recycl\$3 unload\$3 discard\$3 disregard\$3  | US-PGPUB;                             | •                |
|   |     | ingnor\$3)) and @ad < "20010223") and (memory | EPO; JPO;                             |                  |
|   |     | near controller)) and dram)) and (activate    | DERWENT;                              |                  |
|   |     | with queue)                                   | IBM_TDB                               | , ,              |
| - | 2   | ("6295586").PN.                               | USPAT;                                | 2004/08/17 14:15 |
|   |     |   | US-PGPUB;                             |                  |
|   |     |   | EPO; JPO;                             |                  |
|   |     |   | DERWENT;                              |                  |
|   |     | (////-  | IBM_TDB                               |                  |
| - | 840 | ((((711/5,105,151,154,168,169).CCLS.) and     | USPAT;                                | 2004/08/17 19:35 |
|   |     | @ad <20010223) and (memory with controller))  | US-PGPUB;                             |                  |
|   |     | and DRAM                                      | EPO; JPO;                             |                  |
|   |     |   | DERWENT;                              |                  |
|   |     | /////   | IBM_TDB                               | 0004/00/45 40 05 |
| - | 48  | ,       | USPAT;                                | 2004/08/17 19:36 |
|   |     | @ad <20010223) and (memory with controller))  | US-PGPUB;                             |                  |
|   |     | and DRAM) and ((request command) with         | EPO; JPO;                             |                  |
|   |     | queue)) and activate                          | DERWENT;                              |                  |
| L |     |   | IBM_TDB                               |                  |